

0500

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/576,778

DATE: 05/31/2000
TIME: 10:12:35

Input File: A:\Seqlist.txt
Input Set: N:\CRF3\05312000\I576778.raw

ENTERED

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1  <110> APPLICANT: Schueler, Martin
2  <120> Invention: Mads Ekelund
3  <130> TITLE OF INVENTION: Family 9 Endo-Reta-1.1-Glucanases
4  <140> FILE REFERENCE: 5843.00-US
5  <150> CURRENT APPLICATION NUMBER: US/09/576,778
6  <160> CURRENT FILING DATE: 2000-05-23
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8  <180> PRIOR FILING DATE: 1999-06-07
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10 <200> PRIOR FILING DATE: 1999-06-07
11 <210> NUMBER OF SEQ ID NOS: 10
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15 <250> TYPE: DNA
16 <260> ORGANISM: Bacillus Licheniformis
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21 <300> TYPE: DNA
22 <310> ORGANISM: Bacillus Licheniformis
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27 <340> LENGTH: 61
28 <350> TYPE: DNA
29 <360> ORGANISM: Bacillus Licheniformis
30 <370> SEQUENCE: 3
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33 <380> SEQ ID NO: 4
34 <390> LENGTH: 35
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45 <480> SEQ ID NO: 6
46 <490> LENGTH: 37
47 <500> TYPE: DNA

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,778

DATE: 05/12/2000

TIME: 17:12:33

Input Set: A:\Seqlist.txt

Output Set: N:\CRF3\05312000\I576778.raw

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61 211 ORGANISM: Bacillus licheniformis
62 210 SEQUENCE: 6
63 aactgcagcc gcaacacac aataaggac aatataa
64 212 SEQ ID NO: 7
65 211 LENGTH: 13
66 212 TYPE: DNA
67 213 ORGANISM: Bacillus licheniformis
68 210 SEQUENCE: 7
69 aatcattctc gacccggccc aactctctgt aaaaatata ctc
70 212 SEQ ID NO: 8
71 211 LENGTH: 18
72 212 TYPE: DNA
73 213 ORGANISM: Bacillus licheniformis
74 210 SEQUENCE: 8
75 gcaaaataag ccaaccgtac taaccgggt catctcc
76 212 SEQ ID NO: 9
77 211 LENGTH: 1911
78 212 TYPE: DNA
79 213 ORGANISM: Bacillus licheniformis
80 210 SEQUENCE: 9
81 acaaaagccc ttattttgcg xcttttag'a atctctctc a taacataga gtcatttca
82 212 SEQ ID NO: 10
83 aaaaaagccc gtcagagctc aactcaagaa tctctctc'a attatctca actctctca
84 212 SEQ ID NO: 11
85 aactttttc' tttttatga acaacagccg tcaaaagaa t'caaaagaa acaacagctc
86 212 SEQ ID NO: 12
87 aattttagag gaaatcccg gcttgggaag gaaatagag t'gctctca ttttaagaa
88 212 SEQ ID NO: 13
89 aatctgtatg atacagggca caaatgaa' ttctgtctc gcatgctta tttaaccca
90 212 SEQ ID NO: 14
91 aatctgtatg gcttctctc taatagccg gcatgctca aaaaatccg taacttcat
92 212 SEQ ID NO: 15
93 gcaagcctag acaatattaa atgagcgaca aactccttc ttaaaagcca taagctcat
94 212 SEQ ID NO: 16
95 taatattat' gaaacaaat' gaaacatag gctctagac acaatattg aatccggc'
96 212 SEQ ID NO: 17
97 aaaaataatc taatgaagc' gcttctctc aaaaatcaga caactcttc aatctcaag
98 212 SEQ ID NO: 18
99 ctctctgtg atacagccc acaatagaa taagatcaa ttattttca acaacagat
100 212 SEQ ID NO: 19
101 tctcttact' ctgaaaaat' actgctcat' gcaaaatca' tatatgatt' taacagcgc
102 212 SEQ ID NO: 20
103 taacagcgca aatattcaga ctgcattaca gacagacagc aatattata ttctgtgag
104 212 SEQ ID NO: 21
105 aattatataa atgaactgac atgagagct ctctctctc acttgcgaa caaaagaaa
106 212 SEQ ID NO: 22
107 aatattttg aaaaagccf' tcttctctc taagattgag gcatctcgc aatctgct'
108 212 SEQ ID NO: 23
109 taagcgcaa' cactttctc gaaagacac' aattagaaa caaatctat' gctgctctg
110 212 SEQ ID NO: 24
111 ctgaaagc' atttccgtt' tctcaatc' atcaacgaa attttat'a ttggtcgaa
112 212 SEQ ID NO: 25
113 gctacaaat' aatattgag' caaaaaagc' atcaatata gacggagcg' ttggtcttg
114 212 SEQ ID NO: 26
115 tttagagagt' gggatcatt' acaatagct' tcaatgcgc' ctttctctc' ttggtttt'
116 212 SEQ ID NO: 27
117 tccgattggg taatatacaa aaaaagcaa aatatacgg attttgctg' tggcaaac
118 212 SEQ ID NO: 28
119 aatataatgc taagagataa tcaacagcag gaaagcttg' tctttggaa' ggtataa' ct
120 212 SEQ ID NO: 29
121 gacggiaac' atcgccata' caatagaa' gaaattca' ggcgaat' g' gaaatca'
122 212 SEQ ID NO: 30
123 caaaiaaac' atcgccata' caatagaa' gaaattca' ggcgaat' g' gaaatca'
124 212 SEQ ID NO: 31
125 taagacagag atacataaa' aa' tatgg' tcaaacgaa' t' tcatcga' ttataatgc
126 212 SEQ ID NO: 32
127 gctttttagc gaaacgtagc gaaatgttt' caactgttc' aaaaagggca tgttccgctg
128 212 SEQ ID NO: 33
129 cctgattttc cgaagaagaa aacactgag' acaaatatt' ttacagagc' atcaatcaac
130 212 SEQ ID NO: 34
131 gctctcggaa' aagctatat' tcaatccag' acaactca' ataacggtc' aatgtgaa
132 212 SEQ ID NO: 35
133 aaaaagaaa' caatcaatt' attttctc' taactggtc' acttgagaa' aatgtgaa
134 212 SEQ ID NO: 36
135 gaaatatt' ccccgaaa' tataaaat' acaagcgt' ataacgaa' aatctctca
136 212 SEQ ID NO: 37
137 taagagctga agcggcatga cgttcaaaa' caatttact' ataacgaa' cagcttcaac

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RAW SEQUENCE LISTING

PAINI APPLICATION US/09/576,778

DATE: 11/11/2007

TIME: 1.14 sec.

Input Set : A:\Seqlist.txt

Output Set : N:\CRF3\05312000\I576778.raw

[illegible]

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/576,778

DATE: 05/17/2000

TIME: 14:12.5

Input Set: A:\Seqlist.txt

Output Set: N:\CRF3\05312000\1576778.raw

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172 325 336 346
173 Gly Leu Ala Trp Leu Ala Gly Trp Gly Ser Leu Ala Tyr Ala Ser Leu
174 340 345 350
175 Ala Ala Phe Leu Ala Phe Val Tyr Ser Asp Trp Val Asp Thr Gln Lys
176 35 340 365
177 Ala Lys Ala Tyr Arg Asp Phe Ala Val Ala Gln Thr Glu Tyr Met Leu
178 370 375 380
179 Gly Asp Asn Pro Gln Gln Arg Ser Phe Val Val Gly Tyr Gly Lys Asn
180 385 390 395
181 Pro Pro Lys His Pro His His Arg Thr Ala His Gly Ser Trp Ala Asn
182 405 410 415
183 Gln Met Asn Val Pro Gln Asn His Arg His Thr Leu Tyr Gly Ala Leu
184 420 435 440
185 Val Gly Gly Pro Gly Arg Asp Asp Ser Trp Arg Asp Asp Ile Thr Asp
186 435 440 445
187 Tyr Ala Ser Asn Glu Val Ala Ile Asp Tyr Asn Ala Ala Phe Thr Gly
188 450 455 460
189 Asn Val Ala Lys Met Phe Gln Leu Phe Gly Lys Gly His Val Pro Leu
190 465 470 475
191 Pro Asp Phe Pro Gln Lys Gln Thr Pro Gln Asp Gln Tyr Phe Ala Gln
192 485 490 495
193 Ala Ser Ile Asn Ser Ser Gly Asn Ser Tyr Thr Gln Ile Asn Ala Gln
194 500 505 510
195 Leu Asn Asn Arg Ser Gly Trp Pro Ala Lys Lys Thr Asp Gln Leu Ser
196 515 520 525
197 Phe Asn Tyr Tyr Val Asp Leu Thr Gln Ala Val Gln Ala Gly Tyr Ser
198 530 535 540
199 Ala Gln Asp Ile Lys Val Thr Ala Gly Tyr Asn Gln Gly Ala Ser Val
200 545 550 555
201 Ser Gln Leu Lys Pro His Asp Ala Ser Lys His Ile Tyr Tyr Thr Glu
202 565 570 575
203 Val Ser Phe Ser Gly Val Leu Ile Tyr Pro Gly Gly Gln Ser Ala His
204 580 585 590
205 Tyr Lys Gln Val Gln Phe Arg Leu Ser Ala Pro Asp Gly Thr Ser Phe
206 595 600 605
207 Trp Asn Pro Gln Asn Asp His Ser Tyr Gln Gly Leu Ser His Ala Leu
208 610 615 620
209 Leu Lys Thr Arg Tyr Ile Pro Val Tyr Asp Asp Gly Arg Leu Val Phe
210 625 630 635
211 Gly His Gln Pro Gly Tyr
212 645

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VERIFICATION SUMMARY

PATENT APPLICATION# US/09/576,778

DATE: 02/01/2000

TIME: 14:12:35

Input Set = A:\Seqlist.txt

Output Set = N:\CRF3\05312000\I576778.raw

L117 M100 C: Current Application Number differs. Replaced Current Application No
L117 M101 C: Current Filing Date differs. Replaced Current Filing Date